

CYNPOL HM6015

High Density Polyethylene Resin

Product Description

CYNPOL HM6015 is a high molecular weight, copolymer bi-modal, high density polyethylene. This product is designed for film extrusion and is recommended for use in application requiring excellent strength.

Applications

Blown film, grocery bags, trash bags.

Requirement meets

CYNPOL HM6015 meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520 which is covering safe use of polyolefin articles intended for food contact.

Physical Properties

Property ¹	Test Method	Unit	Typical Value	Reference
Melt Index	ASTM D-1238	g/10min	0.06 10	2.16kg at 190 °C 21.6kg at 190 °C
Density	ASTM D-792	g/cc	0.952	
Tensile Strength, Yield, MD	ASTM D-882	Mpa	36	
Elongation, Break, MD	ASTM D-882	%	300	
Flexural Modulus, MD	ASTM D-882	Mpa	900	
Elmendorf Tear, TD	ASTM D-1922	g	30	
Dart Drop Impact Strength, F50	ASTM D-1709	g	290	

¹The technical information on film properties is based on blown film 12.7µm thickness and all data information herein refers to typical values. Since conditions of product use is outside our control, we make no warranties and assume no liability in connection with any use of this information.



For technical support & more information

16825 Northchase Drive, Suite 1400, Houston, Texas 77060 USA T +1.281.618.1300 F +1.281.618.1398 admin@vinmar.com www.vinmar.com

We make no other representation or warranties, express or implied, including, without limitation, warranties of merchantability and fitness for a particular purpose, and expressly disclaims all other representations and warranties and any and all other obligations or liabilities on the part of us. No person is authorized to give any other warranties or to assume any other liability on behalf of us unless made or assumed in writing by us.

Revised March 2018